|   | Index of Claims |  |                 |          |                 |          |            |          |          |                   |          |            |         |                   | Approacon No. |                   |           |                  |   |          |            |               |  | Application             |              |              |  |     |  |  |
|---|-----------------|--|-----------------|----------|-----------------|----------|------------|----------|----------|-------------------|----------|------------|---------|-------------------|---------------|-------------------|-----------|------------------|---|----------|------------|---------------|--|-------------------------|--------------|--------------|--|-----|--|--|
| T DRAWN THEN BOND THEN THEN DEPOSITION OF THE PART THEN |                 |  |                 |          |                 |          |            |          |          |                   |          |            |         | 10                | 10/717,154    |                   |           |                  |   |          |            |               |  | XIAO ET AL.             |              |              |  |     |  |  |
|   |                 |  | Ш               |          |                 |          |            | Ш        |          |                   |          |            |         | E                 | Examiner      |                   |           |                  |   |          |            |               |  | Art Unit                |              |              |  |     |  |  |
|   |                 |  | Ш               |          |                 |          |            |          |          | Ш                 |          |            |         |                   |               |                   |           |                  |   |          |            |               |  |                         |              |              |  |     |  |  |
| G   |                 |  |                 |          |                 |          |            |          |          |                   |          |            |         | Gail Verbitsky    |               |                   |           |                  |   |          |            |               | 285  | 9                       |              |              |  |     |  |  |
|   |                 |  |                 |          |                 |          |            |          |          |                   |          |            |         |                   |               |                   |           |                  |   |          |            | <del></del> 1 |  |                         |              |              |  |     |  |  |
|   | √ Rejected      |  |                 |          |                 |          |            | Ι.       | _        | (Through numera   |          |            |         | al)               |               |                   | 1         | Non-E            | Elect                                   | ted      |            |               | Appeal   |                         |              |              |  |     |  |  |
|   |                 | Ľ  |                 |          |                 |          |            | L        | $\perp$  | Cancelled         |          |            |         |                   | _             | N                 | Ľ         |                  |   |          |            | A             |  |                         |              |              |  |     |  |  |
|   |                 | _  | Δ               | llov     | NO              | ad       |            | Ι.       | .        |                   | Re       | Restricted |         |                   |               | 1                 | l.        | Interference     |   |          |            | 0             | Objected   |                         |              |              |  |     |  |  |
|   |                 |  | Allowed         |          |                 | _        |            | L        |          | Nestricted        |          |            | - u     |                   |               | Ŀ                 | Ľ         |                  |   |          |            |               |  |                         |              |              |  |     |  |  |
|   |                 | $\bar{\mathcal{I}}$  | _               |          | _               |          |            |          |          | 1                 |          |            |         |                   | -             |                   |           |                  | <b>–</b>                                |          | -1         | F             |  |                         |              |              |  | 1   |  |  |
| Cla   |                 | 9  |                 |          | 무               | ate      | _          | _        | _        | 1.5               | Cla      |            |         |                   | Dat           | ie<br>T           | Т         |                  |   | Cla      | aim        | Η,            | $\neg$   | T                       | ate          |              | $\neg$   | ┨   |  |  |
| <del>-</del>  | Original        | 3/   | -               |          |                 |          |            |          |          |                   | ਲ        | Original   |         |                   |               |                   |           | 11               | 2 0                                     | <u></u>  | Original   |               |  | $  \  $                 | ı            |              |  |     |  |  |
| Final   | jġ,             | 0  | .               |          | - 1             |          |            |          |          | 3.5               | Final    | Jrig       | 1       |                   |               |                   |           |                  | الله الله الله الله الله الله الله الله | Final    | Orig       |               |  |                         |              |              |  | 1   |  |  |
|   |                 | ,  |                 | $\dashv$ | _               |          | 4          | 4        | _        | Į.                |          |            | 4       |                   | _             | ↓_                | ┡         | 1                | 4.1                                     |          |            | $\sqcup$      | $\dashv$   | $\sqcup$                | $\bot$       | 4!           |  | 4   |  |  |
|   | 1               | 7  | $\dashv$        | $\dashv$ |                 |          | +          | +        |          | English<br>Street |          | 51<br>52   | +       |                   | -             | +-                | ╁         | ++               | -17                                     |          | 101<br>102 | $\vdash$      | +  | +                       | +            | +            |  | ┨   |  |  |
|   | 3               | Н  | $\dashv$        |          | -               | $\dashv$ | +          | +        | +        |                   |          | 53         | +       | $\vdash$          |               | ╁╴                | ╁         | ++               | 44                                      |          | 103        | $\vdash$      | $\dashv$   | ╂═╁                     | +            | +            | $\vdash$   | 1   |  |  |
| <b>—</b>  | 4               |  | $\dashv$        | 十        | $\dashv$        | _        | +          | +        |          | -                 |          | 54         | +       | m                 |               | T                 | $\vdash$  | +                | T.:://                                  |          | 104        | П             |  | 11                      | $\neg$       | 1            |  | 1   |  |  |
|   | 5               | П  |                 | 一        | _               | 1        | $\top$     | T        |          | 7 d i             |          | 55         |         |                   |               | İ                 | T         |                  |   |          | 105        |               |  |                         |              |              |  | ]   |  |  |
|   | 6               |  |                 |          |                 | $\Box$   | $\Box$     |          |          |                   |          | 56         |         |                   |               | $oxed{oxed}$      |           |                  | 1.                                      |          | 106        |               |  | Ш                       |              |              |  | 1   |  |  |
|   | 7               |  |                 | _        | _               | _        | 4          | _        |          | ** 4<br>* 3       |          | 57         | _       | $\sqcup$          | - -           | ↓_                | ╄-        | 1-1-             | - 1                                     |          | 107        | $\vdash$      |  | $\vdash$                | $\downarrow$ | -            |  | -   |  |  |
|   | 8               | Н  |                 | $\dashv$ | -               | -        | -          | +        | -        |                   |          | 58<br>59   | +-      | $\vdash$          | -             | ╁                 | ╀         | ++               | - 1                                     |          | 108<br>109 | $\vdash$      | +  | +                       | -            | +-           | $\vdash$   | -   |  |  |
| -   | 10              | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$        | $\dashv$ | +          | +        | +        |                   |          | 60         | +-      | $\vdash$          | -             | ╫                 | ╁         | +-+              |   |          | 110        | $\vdash$      | +  | +                       | +            | +-           | <del>    -</del>                                 | 1   |  |  |
|   | 11              | Н  |                 | -        | $\dashv$        | 十        | ╅          | +        | +        |                   |          | 61         | +       | $\Box$            | +             | T                 | t         | †                |   |          | 111        |               | $\top$   | $\Box$                  | _            |              |  | 1   |  |  |
|   | 12              | П  |                 | ヿ        | $\neg$          | 十        |            | $\top$   | _        |                   |          | 62         |         |                   |               |                   |           |                  |   |          | 112        |               |  |                         |              |              |  | ]   |  |  |
|   | 13              |  |                 |          |                 |          | $\Box$     | $\perp$  |          | 77.1              |          | 63         |         | Ц                 |               |                   | L         | ot               | 5.4                                     |          | 113        | Ш             |  | $\sqcup$                | $\perp$      | 1            |  | 1   |  |  |
|   | 14              | Ш  | $\Box$          | _        | _               | _        | 4          | 4        |          |                   | <u> </u> | 64         | _       | Н                 | -             | ↓_                | 1         | ++               | 4 7                                     |          | 114        | Н             |  | ++                      | +            | +-           | $\vdash$   | 4   |  |  |
|   | 15              | Ш  |                 |          | -               | -+       | +          | -        |          |                   |          | 65<br>66   | +       | $\vdash$          |               | +                 | ╀         | ++               |   | -        | 115<br>116 | $\vdash$      | -  | ╀                       | +            |              | $\vdash\vdash$                                   | -   |  |  |
|   | 16<br>17        | Н  | -               |          | -               | -+       | +          |          | +        |                   |          | 67         | +       | $\vdash$          | +             | +                 | ╁         | ++               | -73                                     |          | 117        | H             |  | +                       | +            | +            | <del>                                     </del> | 1   |  |  |
| <u> </u>  | 18              | -  | $\vdash$        | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$   | 十        | $\top$   | 13                |          | 68         | +       | $\Box$            | _             | $\top$            | T         | 11               |   |          | 118        |               |  | 1-1                     | $\top$       | 1.           |  | 1   |  |  |
|   | 19              |  |                 |          |                 |          |            |          |          |                   |          | 69         |         |                   |               |                   |           |                  |   |          | 119        |               |  |                         | ļ            |              |  | ]   |  |  |
|   | 20              |  |                 |          |                 | $\bot$   |            |          |          |                   |          | 70         | -       | Ш                 |               | ╄                 | 1         | <del>     </del> | - '' . '                                | ļ        | 120        | Ш             | $\vdash$   | <del> </del>  -         | 4            | ┿-           | - -  | 4   |  |  |
| ļ   | 21              | L  | $\sqcup$        | _        | _               | _        | -          | -+       | -        |                   | -        | 71<br>72   | +       | $\vdash$          |               | +-                | ╀         |                  |   |          | 121<br>122 | $\vdash$      |  | +                       | +            |              | $\vdash$   | 4   |  |  |
| -   | 22              | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$        | $\dashv$ | +          | +        | +        | ┨.,;              | $\vdash$ | 73         | ╅┈      | Н                 | -             | +                 | ╁         | +                |   |          | 123        | $\vdash$      | $\dashv$   | ++                      | +            | +            | $\vdash$   | 1 / |  |  |
| -   | 24              |  | $\vdash$        | -        | $\dashv$        | $\dashv$ | +          | $\dashv$ | _        |                   |          | 74         | ╅       | П                 |               | T                 | T         | + +              |   |          | 124        | $\Box$        |  | 11                      |              | $\top$       |  | 1   |  |  |
|   | 25              |  | П               |          |                 |          | T          |          |          |                   |          | 75         |         |                   |               |                   |           |                  |   |          | 125        |               |  |                         |              |              |  | ]   |  |  |
|   | 26              |  | $\square$       |          | $\Box$          | $\Box$   | $\Box$     | I        |          | 1.5               |          | 76         | $\perp$ | igsquare          |               | $\perp$           | Ļ         | $+\Gamma$        |   |          | 126        | $\sqcup$      |  | $\sqcup$                | $\perp$      | 1            | ⊢  | 4   |  |  |
|   | 27              |  | $\sqcup$        | $\Box$   | $\dashv$        | $\dashv$ | -          | +        | +        | J.                | <u> </u> | 77         | +       | $\vdash$          |               | +                 | +         | ++               | _                                       | $\vdash$ | 127        | $\vdash$      | _  | ++                      | +            | -            | ├-├  | -   |  |  |
|   | 28<br>29        | -  | $\vdash \vdash$ |          | $\dashv$        | -        | $\dashv$   | +        | - -      | -                 | $\vdash$ | 78<br>79   | +-      | $\vdash$          | +             | +                 | +         | ++               |   | _        | 128<br>129 | $\vdash$      | -  | ++                      | +            | +            | $\vdash\vdash$                                   | 1   |  |  |
| -   | 30              | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ |                   |          | 80         | +       | $\vdash$          | -             | +-                | $\dagger$ | ++               |   | <b> </b> | 130        | Н             | $\dashv$   | $\dagger \dagger$       | $\dashv$     | +-           |  | 1   |  |  |
|   | 31              | Г  | -               |          | $\Box$          |          | $\exists$  | _†       |          |                   |          | 81         | $\perp$ |                   |               | I                 |           |                  |   |          | 131        |               |  |                         |              |              |  |     |  |  |
|   | 32              |  |                 |          |                 |          |            | $\Box$   |          |                   |          | 82         |         |                   |               | Γ                 | Γ         |                  |   |          | 132        | П             | Щ  | Ц                       | $\prod$      | $oxed{\Box}$ |  | 1   |  |  |
|   | 33              | Ļ  | Ш               |          | $\Box$          |          | _[_        | $\perp$  | $\perp$  |                   | <u> </u> | 83         | $\bot$  | $\sqcup$          |               | $\perp$           | +         | 4-4-             |   |          | 133        | $\vdash$      | <del>                                     </del> | +                       |              | +            | $\vdash$   | -   |  |  |
| <b>—</b>  | 34              | =  | Ш               |          | $\dashv$        | $\dashv$ | +          | +        | +        |                   |          | 84<br>85   | +       | $\vdash$          | $\dashv$      | +-                | +         | ++               | -                                       | -        | 134<br>135 | $\vdash$      | $\vdash$   | ++                      | +            | +            | $\vdash$   | -   |  |  |
|   | 35<br>36        | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$        | $\dashv$ | +          | +        | +        | -                 | <u> </u> | 86         | +       | $\vdash$          | +             | +                 | ╁         | ++               | $\dashv$                                | 1        | 136        | $\vdash$      | $\vdash$   | ++                      | +            | +            | $\vdash$   | 1   |  |  |
|   | 37              |  | $\vdash$        | $\vdash$ | $\vdash$        | $\dashv$ | +          | +        | +        |                   | <b></b>  | 87         | +-      | H                 |               | +                 | t         | ++               | <b>-</b>  "``                           |          | 137        | Н             | $\vdash \vdash$                                  | $\dagger$               | +            | $\top$       | $\vdash$   | 1   |  |  |
|   | 38              |  |                 |          |                 |          |            | _        | 上        | 3.4               |          | 88         | 上       |                   |               | I                 | I         |                  | - 1                                     |          | 138        |               |  | Ш                       |              |              |  |     |  |  |
|   | 39              |  |                 |          | $\Box$          |          | $\Box$     | $\Box$   |          |                   |          | 89         | 工       | 口                 | $\bot \Gamma$ | $oldsymbol{\bot}$ | Ţ         | $\bot$           | ]:::                                    |          | 139        |               | $\Box\Box$                                       | $\downarrow \downarrow$ | $\bot$       | 1            |  | 4   |  |  |
|   | 40              | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$                        | Ш               |          | $\Box$          | [        | $\perp$    | 4        | $\perp$  |                   | <u> </u> | 90         |         | $\sqcup$          | $\dashv$      | +                 | +-        | ++               | 4                                       | <u> </u> | 140        | $\vdash$      |  | ++                      | +            | +            | - -  | -   |  |  |
| <u> </u>  | 41              | ├-   | $\vdash$        | $\vdash$ | $\vdash \vdash$ | -+       | +          | +        | +        | -                 |          | 91         |         | $\vdash$          | +             | +-                | +         | ++               |   | -        | 141        | +             | $\vdash \vdash$                                  | ╅╾╂                     | +            | +            | ├-├-   | 1   |  |  |
| -   | 42              | $\vdash$   | $\vdash$        | Н        | H               | $\dashv$ | +          | +        | +        | 10                | -        | 93         | +       | $\vdash$          |               | +                 | +         | ++               | -                                       | <u> </u> | 143        | $\vdash$      |  | +                       | 十            | +            | $\vdash$   | 1   |  |  |
| -   | 44              | $\vdash$   | $\vdash$        | Н        | $\vdash$        | $\dashv$ | $\dashv$   | $\dashv$ | +        |                   | 1        | 94         | +-      | $\dagger \exists$ | $\top$        | T                 | +         | ++               |   |          | 144        |               |  | 11                      | $\top$       | $\top$       |  | 1   |  |  |
|   | 45              | $\Gamma$   |                 |          |                 |          |            | _†       | ╧        |                   |          | 95         | $\perp$ |                   |               | I                 | Ι         |                  |   |          | 145        | П             |  |                         |              |              |  |     |  |  |
|   | 46              |  |                 |          |                 |          | $\Box$     | $\Box$   | $\perp$  |                   | e        | 96         | $\bot$  | $\Box$            |               | I                 | L         | $\Box$           |   | L        | 146        |               |  | $\Box$                  | $\perp$      | $\perp$      | $\Box$   | 1   |  |  |
|   | 47              | $oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{oxedsymbol{eta}}}}$ | $\Box$          | Ц        | Ц               | _        | $\perp$    | 4        | $\bot$   |                   |          | 97         | $\bot$  | $\vdash$          |               | +                 | 4-        | +-+              | 4                                       | <u> </u> | 147        |               |  | +                       | _            | +            | $\vdash \vdash$                                  | 4   |  |  |
| <u> </u>  | 48              | ├-   | <del> </del>    | -        | $\vdash$        | $\dashv$ | +          | +        | 4-       | -                 | -        | 98<br>99   | +       | Н                 |               | +                 | +-        | ++               | -[                                      | -        | 148<br>149 |               | $\vdash \vdash$                                  | ╁┼                      | $\dashv$     | -            | $\vdash \vdash$                                  | -   |  |  |
|   | 49<br>50        | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$        | $\dashv$ | +          | +        | +        | 1                 | $\vdash$ | 100        | +       | $\vdash$          | +             | +                 | +         | ++               |   | $\vdash$ | 150        | +             | - -  | ++                      | +            | +            | ++   | ┪   |  |  |
|   | 7 20            |  | نــــــ         | ш        |                 |          | <u>_</u> L |          |          | J                 |          | 1.00       |         | 1_                |               | ш                 |           |                  | _                                       | ш        |            |               |  |                         | 1_           | i            |  | _   |  |  |

Application No.

Applicant(s)